

FIG. 1

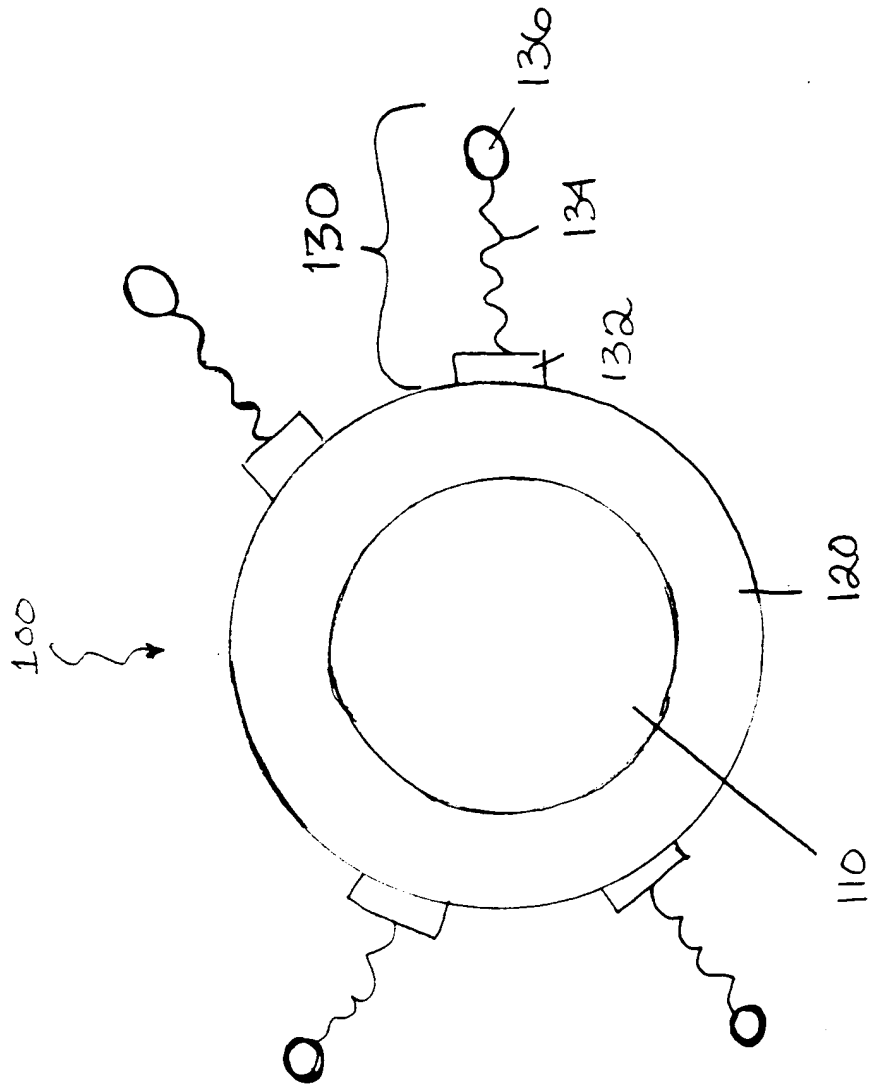


FIG. 2A

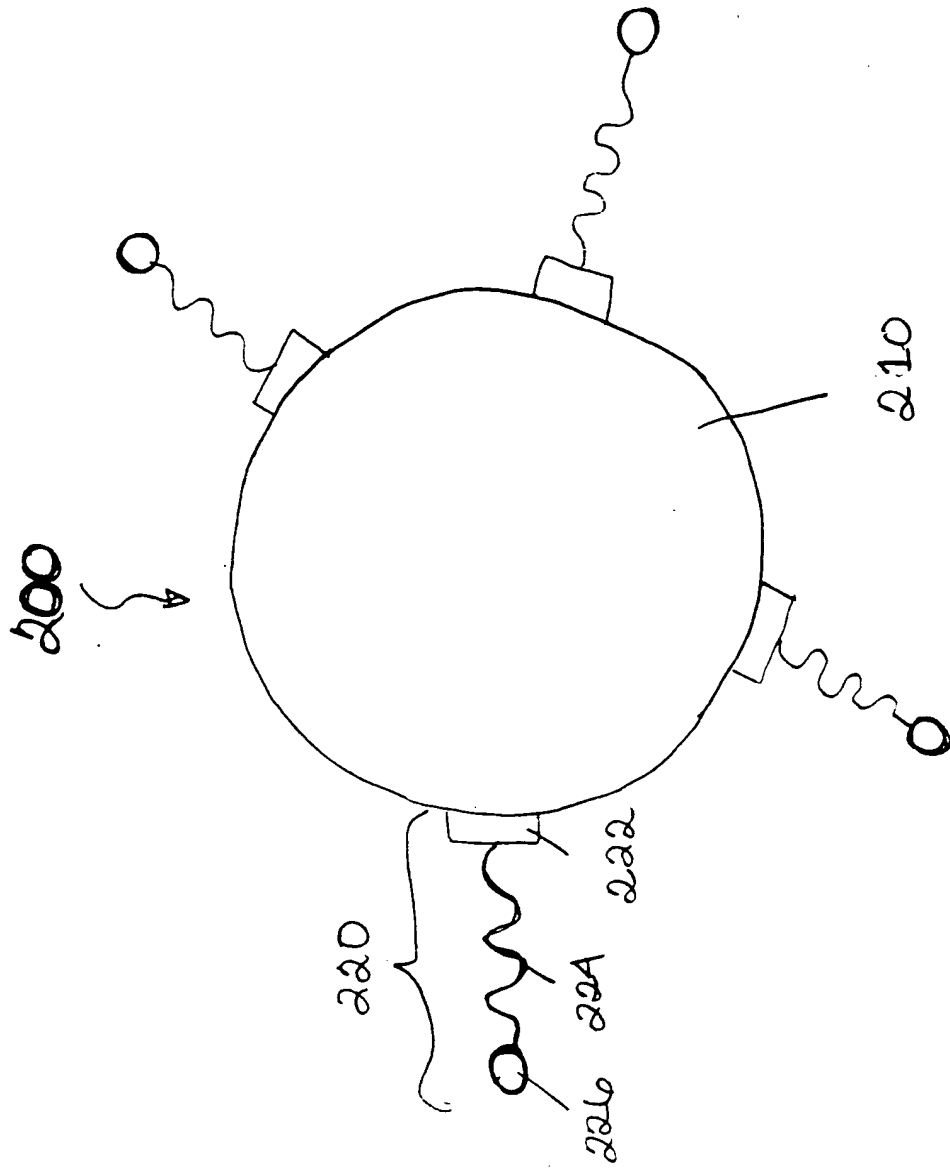
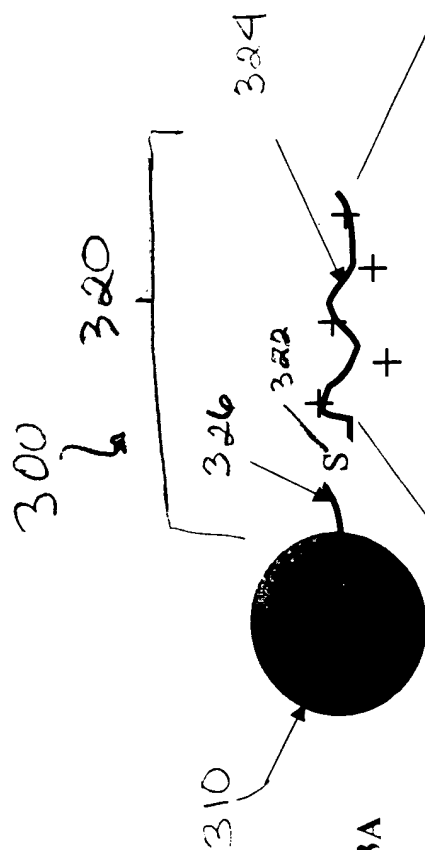


FIG. 2B



**FIG. 3A**

+ + + + +  
TCA GCT CAG TTG AAA AAA AAA TTG CAA GCA CTG AAG AAA AAG AAC GGT CAG CTG AAG -  
Ser Ala Gln Leu Lys Lys Lys Leu Gln Ala Leu Lys Lys Asn Ala Gln Leu Lys

+ + + + +  
TTG AAA CTT CAA GCC GTC AAG AAG AAA CTC GCC CAG GGT GGG GAT TCA TGA -COOH  
Trp Lys Leu Gln Ala Leu Lys Lys Lys Leu Ala Gln Gly Asp Ser \*\*\*

**Stop codon**

**FIG. 3B**

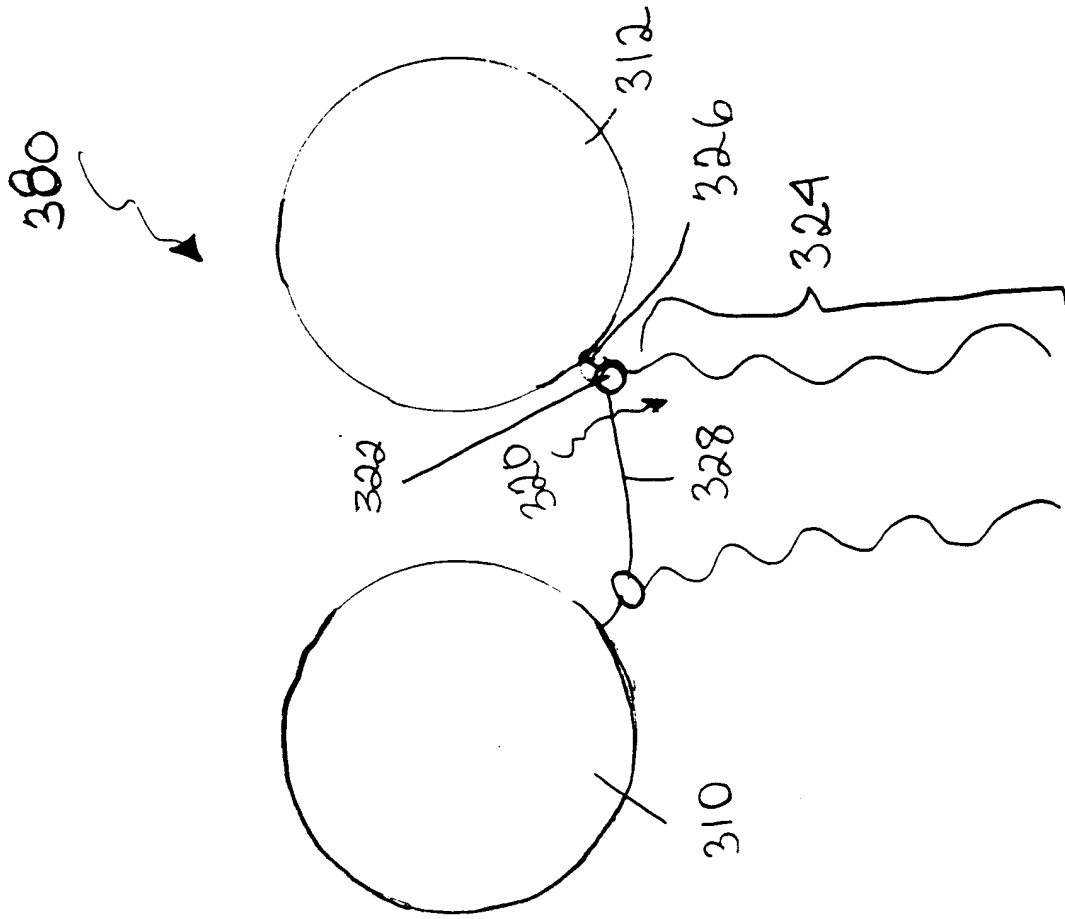


FIG. 3C

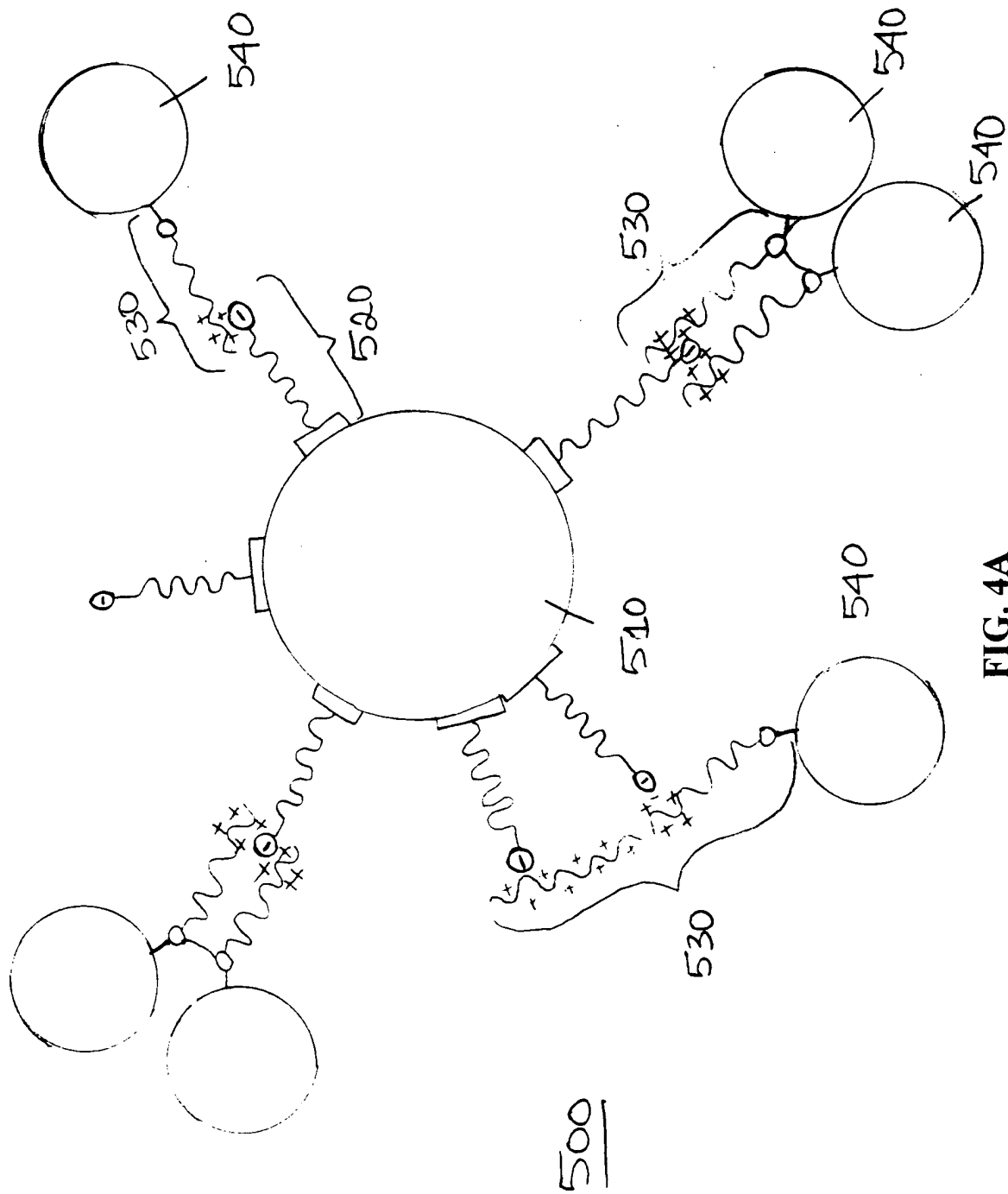


FIG. 4A

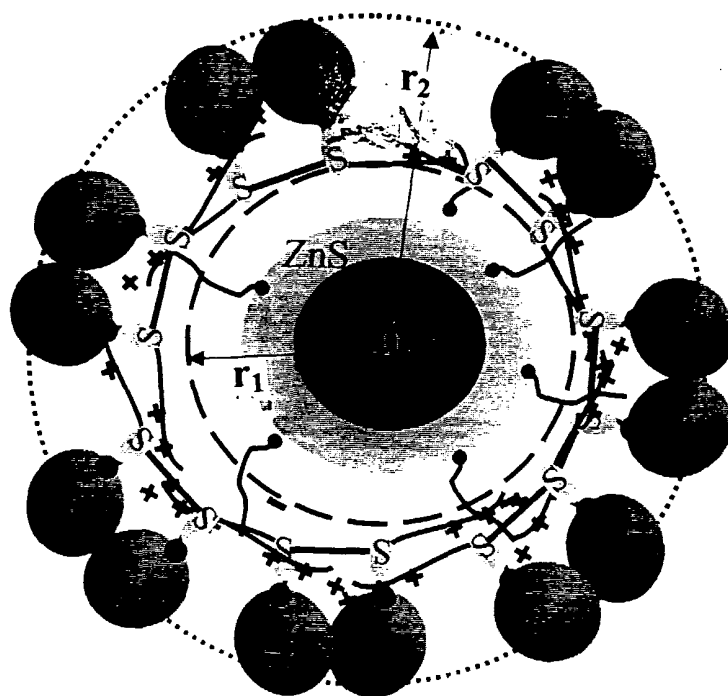


FIG. 4B

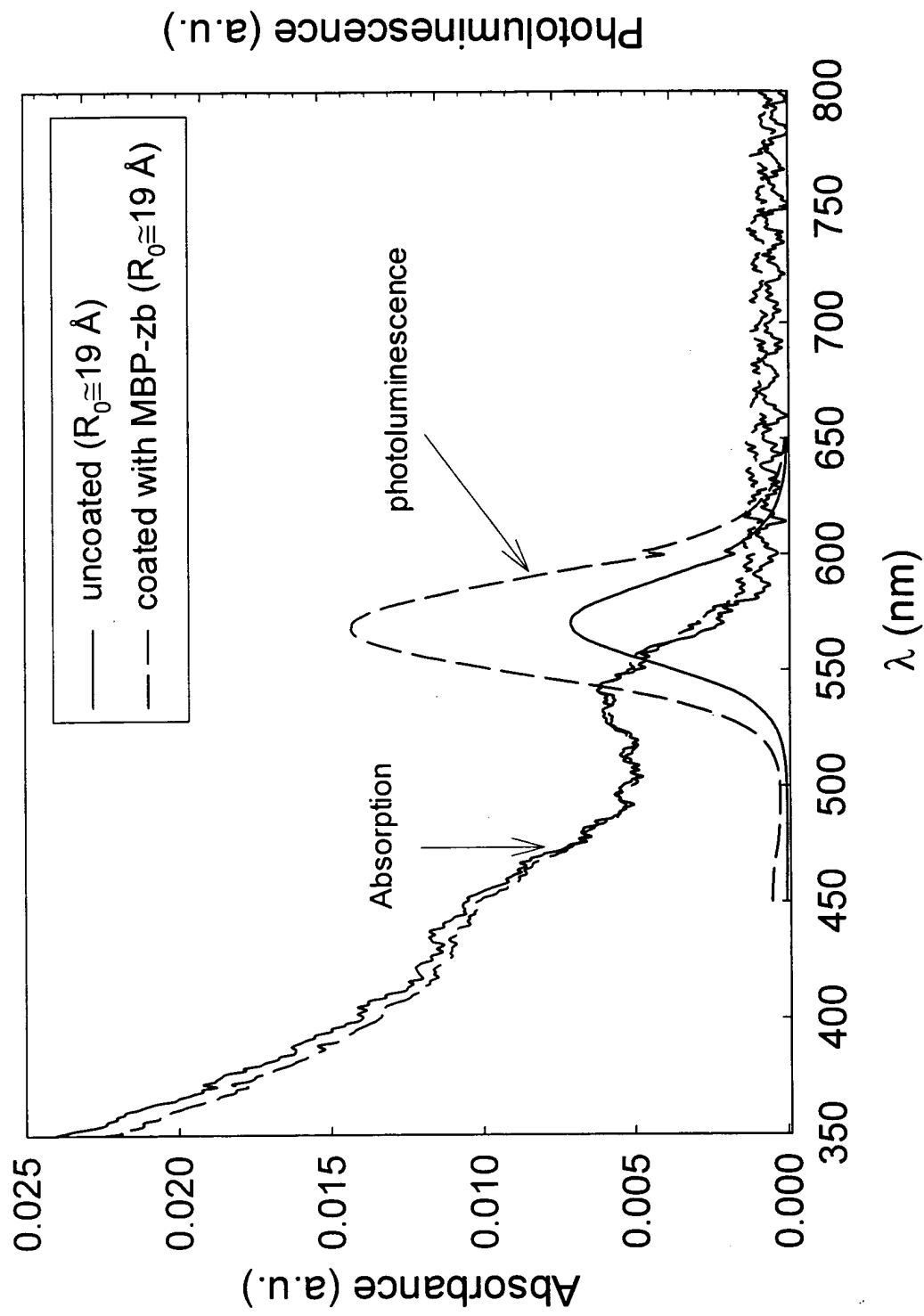


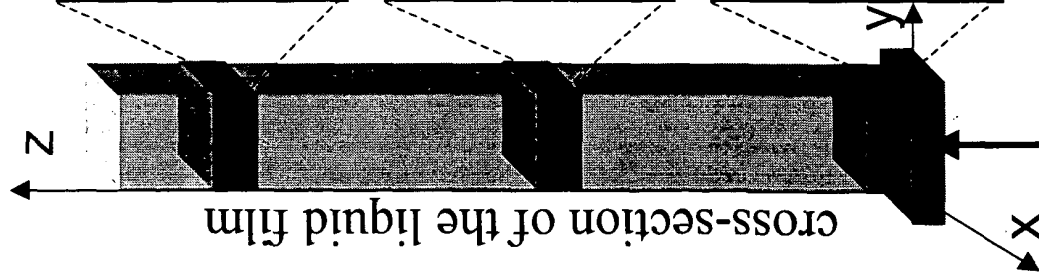
FIG. 5



A

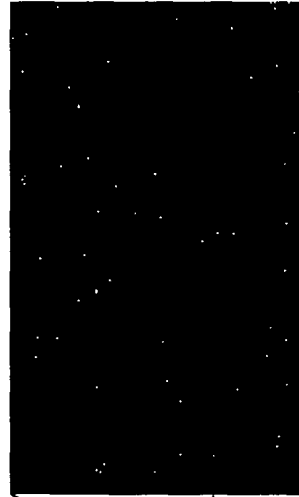
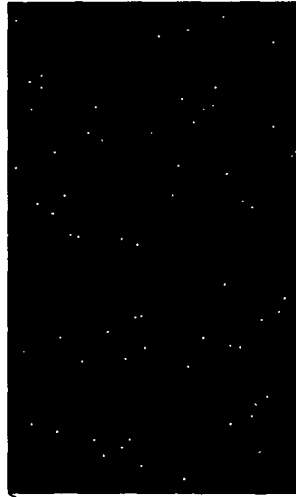
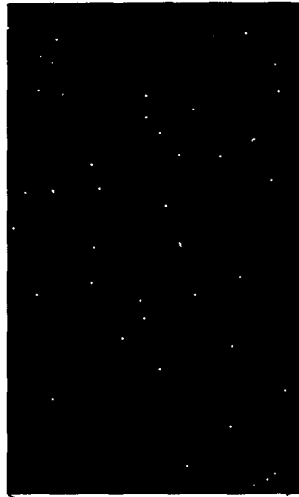
B

C



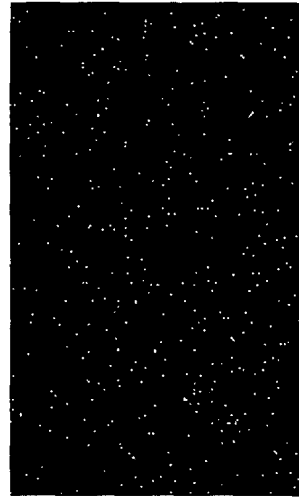
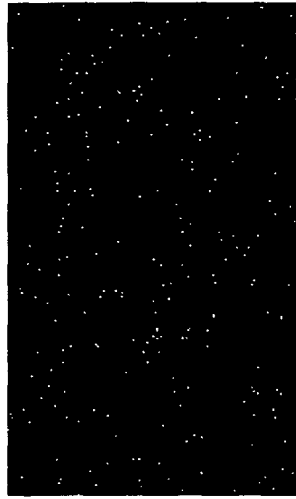
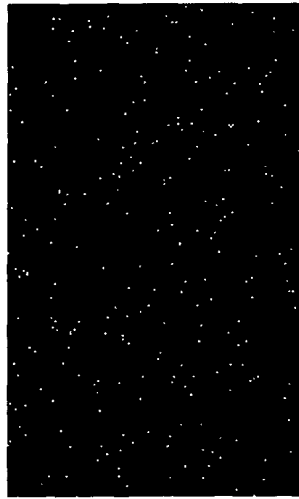
cross-section of the liquid film

Excitation  
light



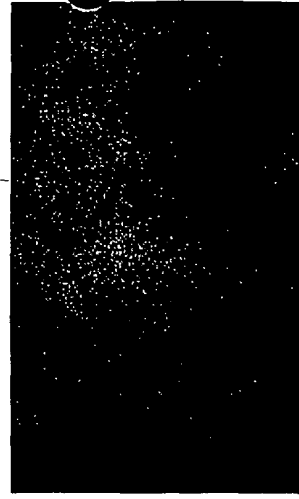
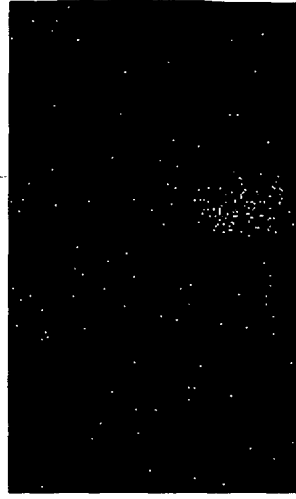
unconjugated QDs

FIG. 6A



QD/MBP-zb

FIG. 6B



QD/Ovalbumin

FIG. 6C

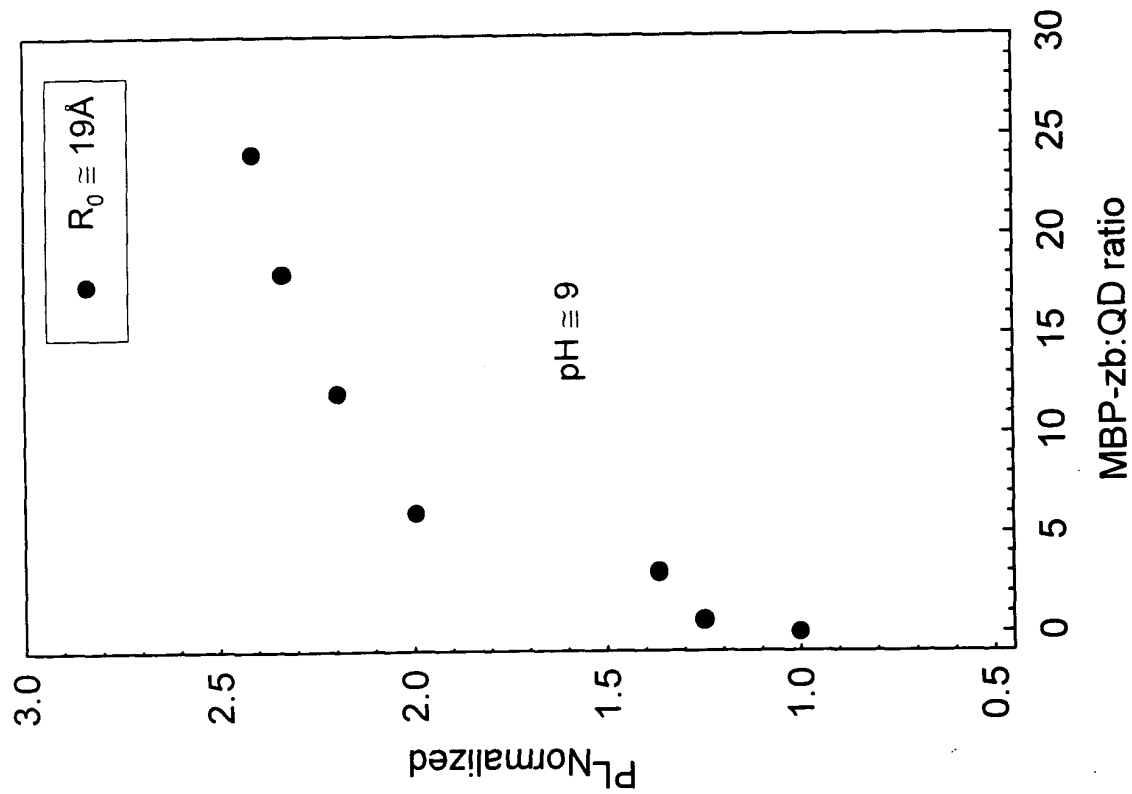


FIG. 7A

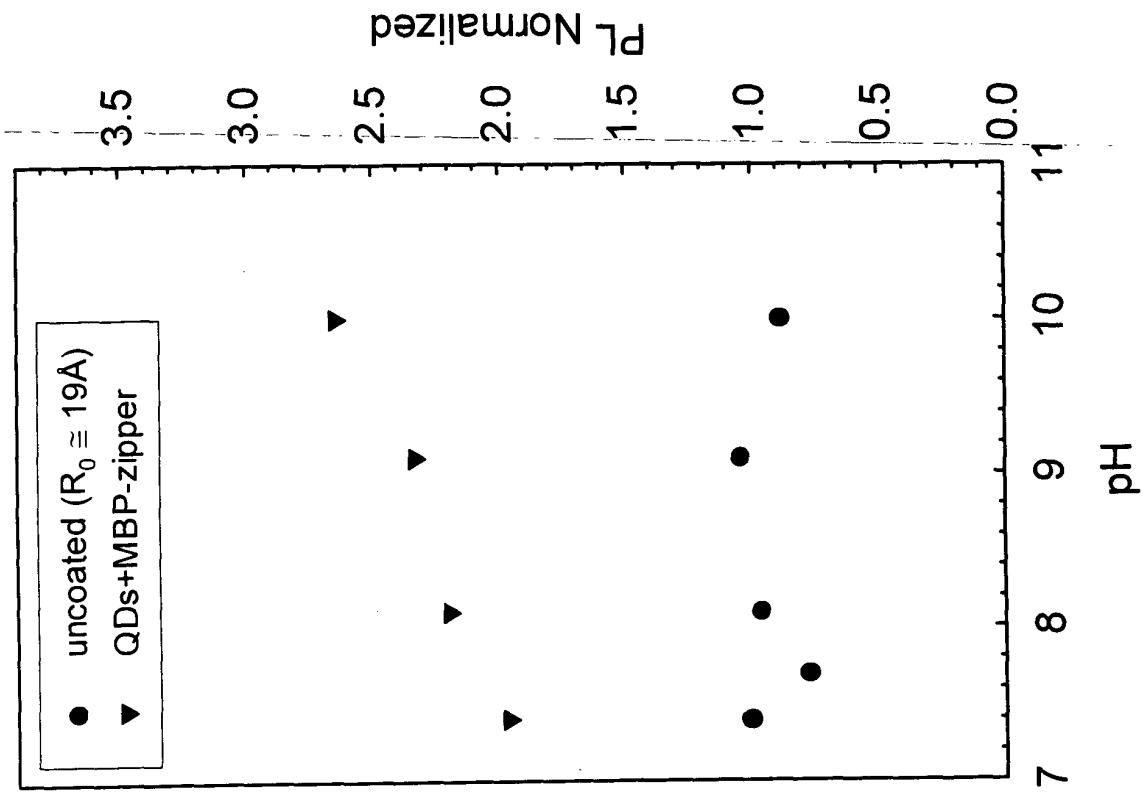


FIG. 7B